## RISK ASSESSMENT FOR BRIDGES (CULVERTS) (For 20' Span and Longer Structures)

## **LOCATION**

	unty						
·		Design Number F					
	ject No sessment Prepared by						
7,33	essment repared by		DROLOGIC EVAL				
A. B. C.	Are flood studies available Flood Data:		Yes	No	(None [		
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Est. Bkwtr  Est. Bkwtr  or Overtopping  Method Used to	ft. Q <sub>10</sub>	•	Est. Bkwtr	ft.	
D.	Does the crossing require List Agencies:	outside agency approval?		No 🗌			
		2. <u>PROPE</u>	RTY RELATED EV	'ALUATIONS			
A.	Floor Elevation Upstream Land Use Anticipate any Change?	Low Yes No C	]				
B.	Any flood zoning? (Flood Type of Study  Base flood elevation  Regulatory floodway	ood Insurance Studies (FIS	S), etc.) Yes		(As	(100 year) noted in FIS Studies)	
ENVIRONMENTAL CONSIDERATIONS      List commitments in Environmental Documents which affect hydraulic design (None )							
	4. HIGHWAY AND BRIDGE (CULVERT) RELATED EVALUATIONS						
A.	A. Note any outside features which might affect Stage, Discharge, or Frequency.  Levees Aggradation/Degradation Reservoirs Diversions Diversions Drainage Dist. Navigation Backwater from another source Explanation						
B.		flow Section (None )	Type Slo	ppe Cover		< 500 yr.): yr.	

## 5. MISCELLANEOUS COMMENTS

А. В. С.	Is there unusual scour potential? Yes No Protection Needed? Yes No Are banks stable? Yes No Protection Needed? Yes No Are spur dikes needed? Yes No						
D. E. F.	Does stream carry appreciable amount of ice? Yes No Elevation of high ice  Does stream carry appreciable amount of large driftwood? Yes No Comments						
A. B. C.	6. TRAFFIC RELATED EVALUATIONS  Present Year Traffic Count VPD						
υ.	Comments Willes						
А. В. С.	7. PRESENT FACILITY  Low Roadway Elevation cfs Frequency (if Less than Q500) yr.  Roadway Overflow: Length ft. Elevation ft.  Is flash flooding likely? Yes No  Comments						
	8. <u>ALTERNATIVES</u>						
A.	Recommended Design Top Opening (culvert)						
	Low Roadway Grade Culvert Opening Culvert Opening						
B.	Were other hydraulic alternates considered? Yes No Discussion						
C.	Is this assessment commensurate with the risks identified? Yes No or is further analysis needed? Yes No						